Moulali Dudekula

Senior Full-Stack Engineer

👤 Profile

Acquired knowledge and proven experience in Banking, Telecom, Oil and Gas sectors. Carrying strong Highly skilled Python Django Developer with a proven track record of developing and maintaining complex web applications, With over 8+ years of experience, specializing in Python backend development, and Django Web framework. Hands-on experience in DevOps Engineering Linux Administration, and Automation. Experience in continuous integration, continuous delivery, continuous deployment pipelines, and DevOps processes for Agile projects. Overall 8+ years of proven experience in software development.

💼 Employment History

Senior Full-Stack Developer(Contract) at Potters Resorts Five Lakes, Colchester, England, UK

November 2023 — March 2024

Project: CRM (Customer Relationship Management)
Skills: Python · Django REST Framework · Back-End /Front-End Web Development
Developing and maintaining web APIs for CRM applications using Python, Django, PostgreSQL, CSS, JavaScript, etc, and related technologies. Developing APIs to design web applications and client interfaces, using the Django REST framework. Build backend services APIs for displaying customer records on extended view using REST framework. Designed and configured database schemas and backup-end applications and programs. Involved in expanding Django applications by writing test-driven, clean, and functional code on the front- and back end. Build the front-end user interface of applications through appealing basic visual design using HTML5, CSS(Bootstrap), and JavaScript. working on Agile CI/CD environmental. Resolved ongoing problems and accurately documented them. Deploying Django APIs on AWS cloud servers. Participating in code reviews, and providing review comments on other developers API.

Professional Development - Master's Degree at University of Essex, Colchester

October 2022 — October 2023

Completed Master's degree in Data Science and its application from the University of Essex in the United Kingdom. Developed skill set in Data Visualization, Deep Learning, and machine learning techniques along with knowledge of the 'R' language.

Senior Software Engineer at CGI IT Consulting Services, Hyderabad - Remote work

June 2021 — July 2022

Project: Oil and Stock Exchange, Client: Shell

Developing Python Back-End web APIs on Django REST framework. Writing clean, testable, and reusable code in Python. Developing low latency high availability web applications using Python 3 Developed Python libraries on test-driven development and cross-collaboration with team members and stakeholders for requirements gathering.

Details

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Links

LinkedIn
GitHub
HackerRank

Skills

python, Django

Django REST Framework

Agile SDLC, CI/CD

DevOps Engineering, GitHub

AWS, Terraform

Jenkins

CSS, Bootstrap (Framework)

UI, JavaScript, HTML5

Pandas, Numpy

PostgreSQL

Languages

English

Telugu

Hindi

Developing Python scripts to gather the data on Elastic search for automating the developers work. Used pandas and Numpy libraries for data manipulation on the database. Writing effective Python code for data manipulation using Pandas library functions. Working on Agile SDLC methodologies to develop better software for clients.

IT Analyst at TATA Consultancy Services, Hyderabad, India

January 2019 — June 2021

Project: Employee Engagement, Client: Bank of America

Sills: Python, Django PostgreSQL

Worked as Python Back-End developer for client internal projects to keep track of employee-assigned projects. Developing APIs using Djnago REST framework to create a session key on a browser based on user login and store the key using jQuery to add a wishlist. Worked on downloading PDF files Managed the development of new web properties from concept to launch including budgeting, timelines, resource allocation, and timeline control. Build API to send mail based on the submission form using the send_mail model in Django. Developing APIs for PDF file download using IO library in Python and FileResponse, canvas, inch, and letter libraries in Django. Worked on Speark and Kibana elastic search for a couple of sprints on Bigdata.

Business Analyst at TATA Consultancy Services - Contract, Hyderabad, India

January 2017 — January 2019

Project: BUR(Backup and Restore), Client: Ericsson

Provided automated solutions and procedures to install and configure NetBackup Server and Clients using Python and Shell scripts. Involved in Linux administration work to install OS on Solarise servers. Worked on Linux administration, including system administration and network configuration. Working on server PXE installation, bootstrapping, kickstart configurations, patching, DHCP, SFTP services, and package management. Worked on the Regression process and ensured all the Jenkins Jobs were successful daily. Worked on Kubernetes containers to generate a package as per version build. Involved in code reviews and GitHub storage process by CI/CD Practice. Worked on Jenkins Regression process to test the End-to-end functionality. Involved in debugging and troubleshooting production issues and provided effective solutions. Provided 24*7 support on migration/installation and admin-related issues. Provided PDF documentation fixes for any version-related CLI command or script changes. Identified improvements for product robustness and scalability and implemented them using Python scripting.

Junior Python Developer at KTree Computer SOlutions, Hyderabad, India

February 2015 — May 2016

Project: ARI, Client: ARI, Project; Human Resource

Developed the web applications as per the client's requirement using the Django framework. Expanding web applications based on the requirements. Involving in the Predevelopment activities, Analysis, Design, and pseudo code. Writing Reusable, Testable, Efficient code. Design the implementation of low-latency, high-availability, and pre-formant applications. colloborated with cross-development team for better user experience.

Trainee Programmer at DQ Entertainment LTD, Hyderabad, India

February 2014 — February 2015

Client: Disney films, Project: Miles Away For Tomorrow Land

Skillos: Python, MEL(Maya Mebeeded Language), Jython, C++

This is a Disney film project. In this, we are developing Python as as MEL scripts for Playbast and Moving Assets near to grid. And lighting scripts as per the animator's requirement.

Playbast is an important stage in the animation pipeline. In his we are capturing modified animation images in every field and converting them into movie formats like VLC, av, etc formats. Find out the assets that are for to grid and move that asset near to grid.

🎓 Education

Master's Degree, University of Essex, Colchester, England

October 2022 — October 2023

Completed post-graduation on Master of science(MSC) from the University of Essex.

Bachelor's Degree, JNTU, ATP, Kurnool, India

June 2009 — June 2013

Completed bachelor's degree in Jawaharlal Nehru Technological University of Anantapur from St. John's Engineer College of Computer Science.